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(54) Title: HYDROGEL PREPARATION AND PROCESS OF MANUFACTURE THEREOF

(57) Abstract: A polymeric hydrogel having a network of a macropores and micropores formed by copolymerizing at least one monomer having at least one double bond and at least one crosslinker having at least two double bonds in the presence of an organic additive forming a hydro-organic system with water, and uses thereof as separation media.

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